

Analogies: Mathematics

These analogies test your understanding of basic math terms and operations. If you know that *half* and *50%* have the same meaning, you're well on your way?

Try this example analogy: addition : _____ :: multiplication : division
 a. product b. fraction c. subtraction d. calculation



EXPLANATIONS: You know that *multiplication* and *division* are opposites. So what's the opposite of *addition*? *Subtraction*, of course!

As always, begin by checking out the complete word pair. Then look for a parallel relationship.

Directions: Circle the word or number that correctly completes each sentence.

1. (An eon / A century) lasts exactly 10 times as long as a *decade*.
2. The *volume* of a container is measured in (square / cubic) units.
3. The *amount* on a price tag is expressed in (decimals / fractions).
4. There are 12 items in a dozen and (144 / 100) items in a *gross*.
5. A *liter* of bottles water contains (more / less) than a quart.
6. A *thermometer* measures heat, and an *altimeter* measures (depth / height).
7. There are approximately (15,000 / 1,500) *minutes* in every 24-hour day.
8. A *quart* of orange juice contains (32 / 64) ounces.

Directions: Circle a letter to show which word best completes each analogy.

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|---|--|--|
| 9. ruler : inch ::
: ounce
a. pound
b. weight
c. scale
d. times table | 12. bottom : top ::
: numerator
a. fraction
b. calculator
c. denominator
d. subtrahend | 15. subtraction : addition ::
difference : ____
a. factor
b. sum
c. similarity
d. equal |
| 10. one thousand : one ::
: million
a. billion
b. trillion
c. gazillion
d. quadrillion | 13. thermometer : temperature
:: calendar : ____
a. date
b. appointment
c. time
d. yearly | 16. milk : gallon ::
: ton
a. furlong
b. money
c. coal
d. barrel |
| 11. meter : distance ::
: weight
a. volume
b. kilogram
c. nanosecond
d. cubic | 14. exact : approximately ::
calculation : ____
a. solution
b. estimation
c. numeration
d. multiplication | 17. table legs : vertical ::
table top : ____
a. perpendicular
b. ordinal
c. equivalent
d. horizontal |